



PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Alton O. Christensen

Serial No.: 09/823,269

Confirmation No.: 7279

Filed: March 30, 2001

For: Improved Electroluminescent
Devices and Displays with
Integrally Fabricated Address
and Logic Devices Fabricated by
Printing or Weaving

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Group Art Unit: 2879

Examiner: Unknown

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

CERTIFICATE OF MAILING
37 C.F.R. 1.8

PRELIMINARY AMENDMENT

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please amend the specification by replacing paragraphs 19 and 21 with the following:

1. When contact is made between an n-type semiconductor and a conductor whose work function Φ_m is less than half of $(E_g/2 - \chi)$ where E_g is the semiconductor band gap and χ is the electron affinity, then charge exchange occurs to obtain equilibrium;

3. the greater the positive difference between ($E_g/2 + \chi - \Phi_m$) and work function Φ_m the greater charge exchange occurs to achieve equilibrium, filling some bulk traps as well; and."

REMARKS

The above amendments are made to correct some typographical errors in the specification. No new matter is added. Early and favorable action in connection with this application is respectfully requested.

Respectfully submitted,



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APPENDIX

IN THE SPECIFICATION:

1. When contact is made between an n-type semiconductor and a conductor whose work function [] Φ_m is less than half of $[(E_g/2 - \chi)]$ ($E_g/2 - \chi$) where E_g is the semiconductor band gap and [] χ is the electron affinity, then charge exchange occurs to obtain equilibrium;

3. the greater the positive difference between $[(E_g/2 - \Phi_m)]$ ($E_g/2 + \chi - \Phi_m$) and work function [] Φ_m the greater charge exchange occurs to achieve equilibrium, filling some bulk traps as well; and.”.